**Shashank Reddy**

(Full Stack Java Developer)

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**PROFESSIONAL SUMMARY**

* Around 10+ years of IT experience in all the phases of Software Development Life **Cycle (SDLC) including requirement Analysis, Design, Implementation and Product Testing in both the Web** based and Enterprise **applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.**
* Experience in Pair Programming, Test Driven Development, Waterfall model and Agile methodologies like **SCRUM.**
* Expertise experience in estimations, analysis, design, development, testing, maintenance, performance tuning and deployment of internet, e**-commerce and client-server applications using Java, Servlets, JSP, JavaBeans, JDBC, Spring, Hibernate, AJAX, JavaScript.**
* **Proficient in Scala programming language, leveraging its functional programming features and concise syntax**.
* Deployed/supported applications on **Applications servers: Web Logic 10, 8.x, Tomcat, Jboss, WebSphere**
* Proficient in Core Java concepts such as object-oriented programming, inheritance, polymorphism, encapsulation, and abstraction.
* Implemented a new feature **using Kotlin to reduce code complexity by 30%, resulting in improved maintainability.**
* **Demonstrated proficiency in creating user-centric UI designs that prioritize user needs, accessibility, and usability.**
* Extensive experience in **Amazon Web Services like EC2, Simple DB, RDS, Elastic Load Balancing, SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic Beanstalk and Cloud Front, Redshift.**
* Strong understanding of **object-oriented programming(OOP) principles and design patterns.**
* Configured **Spark streaming** to get ongoing information **from Kafka and store the stream information to HDFS.**
* Involved in Application Design & Architecture **using Core Java, J2EE, EJB, Spring, Hibernate, JSP, Struts, Servlets, JMS, MDB, XML, Web Services (CXF), JAX - WS.**
* Developed stored procedures, functions, and triggers in PostgreSQL's and other supported languages to encapsulate business logic and enhance data integrity.
* Demonstrated proficiency in designing and implementing enterprise-level integration solutions using Apache Camel.
* Proficient in Tableau Desktop and Tableau Server for creating interactive dashboards and reports.
* Extensive experience in embedding Tableau content within web applications.
* Designed and implemented CQRS architecture for a complex enterprise application, separating read and write responsibilities to achieve improved performance and scalability.
* Implemented a mobile-first strategy by utilizing AMP components and features to ensure optimal performance and user experience on mobile devices.
* Designed event-driven communication patterns between microservices, ensuring loose coupling and promoting scalability and maintainability.
* Proficient in Tableau Desktop for financial data analysis and reporting.
* Experience in User Experience (UX) design and development, User Interactive (UI) Web Pages and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, SASS, JavaScript, jQuery, Angular JS, Angular 10/9, React JS, Node JS and understanding in WCAG Guideline.**
* Proficient in using CSS3 media queries and flexible layouts to create responsive designs that adapt to various screen sizes and devices.
* Proficient in using AMP-specific HTML syntax and components, such as **<amp-img>**, **<amp-carousel>**, and **<amp-ad>**, to optimize content delivery.
* Expertise in various open-source frameworks like **Angular JS, Node JS, Struts 2.0/1.2, Spring 2.5/3.0, Spring MVC, IoC, Web and ORM Technology like Hibernate 3.0, JPA, EJB3.0, IBatis, MyBatis, jQuery.**
* Worked extensively in **J2EE JSP, Servlets, JDBC, Struts, spring, MVC, Hibernate, Java- Networking, RMI, Web Sphere, and XML and well versed with Oracle database, OS Concepts**.
* Hands-on experience with libraries like **Cats and Scalaz for functional programming in Scala.**
* Expertise in Hibernate, Docker, Jenkins, Azure, EMR, Apigee, Splunk, Dyna Trace Management tools and a web commerce like ATG.
* Developed microservices using Scala and frameworks like Akka HTTP, effectively designing and implementing independent, loosely coupled components.
* Implemented data **processing pipelines using Apache Spark, improving data analysis efficiency**
* Extensive knowledge of XML-based standards and protocols (**such as WSDL and SOAP), Service Oriented Architecture (SOA), development of XSD schemas and implementing both SOAP and REST web services**.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA (Java Persistence API) and deployed Microservices onto Docker.
* Solid Experience in creating a Kubernetes Clusters **in AWS and deploying a Docker Image on top of Kubernetes Cluster.**
* Extensively worked with the **Build and deployment tools like Maven, Gradle and Ant.**
* Profound knowledge in configuring and deploying web applications in Tomcat Server, Web Logic, Web Sphere and JBoss
* Optimized **Hive QL/ pig scripts by using execution engines like Tez and Spark.**
* Experienced in testing Angular, Angular 2 applications using Jasmine, Mocha, Karma, and Angular Test Bed.
* Good knowledge and experience with multiple Servers **like IBM Web Sphere, IBM Web Sphere ESB (Enterprise Service Bus), Web Logic server, Apache Tomcat, JBoss.**
* RDBMS experience includes **Oracle, SQL Server; database programming and connectivity using JDBC, ODBC, SQL, PL/SQL, Stored Procedures, triggers, Queries etc.**
* Good experience in **Amazon Web Services (AWS)** environment and **good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, Elastic Beanstalk, Cloud Front, Elastic Filesystems, RDS, DMS, VPC, Route53, Cloud Watch, Cloud Trail, Cloud Formation.**
* Comprehensive knowledge **on working with Databases MYSQL, Oracle 10g/11g, SQL-Server, DB2 and NoSQL MongoDB, Cassandra,**

**EDUCATION**

* **Bachelors of technology in JNTUH College Of Engineering,** 2012 India.

**TECHNICAL SKILLS**

| **Category** | **Skills** |
| --- | --- |
| Programming Languages | Java (1.5/1.6/1.7/1.8/11), Kotlin, JavaScript, TypeScript, Python, C, C++, PHP |
| Software Methodologies | Agile, Scrum, SDLC Waterfall |
| J2EE Technologies | Servlets (3.1, 3.0), JSP (2.x), JDBC, EJB (3.x), JSF, JavaBeans, XSD, JAX-RS, JAX-WS, SOAP, WSDL |
| Web Technologies | HTML, DHTML, XML, CSS, jQuery, JavaScript, AJAX, Bootstrap, JSON, AngularJS, Angular 8, ReactJS, Node.js, Express.js |
| Webservice Frameworks | Spring 4.3, Hibernate 4.3, Struts (2.5/2.3), Spring MVC, Spring IOC, Spring Boot, Spring AOP, Spring Web Flow, JSF, Log4J, JUnit, Hibernate, JPA |
| Web Services | SOAP, RESTful |
| Databases | Oracle, MS SQL Server, MySQL, MongoDB, Snowflake |
| O-R Mapping | Hibernate, JPA |
| Testing Tools/Others | JUnit, Mockito, Log4J, Postman, Selenium |
| Build Tools | Maven 3.3.9, Ant 1.10, Gradle 3.4.1, Jenkins |
| Version Control Tools | GIT, GitHub 2.12.0, SVN, Bitbucket |
| Application/Web Servers | WebLogic Server 12c, WebSphere Application Server 8.5, MDM API, Apache Flink, Apache Tomcat (8.5/8.0), Apache HTTP Server, JBoss |
| Cloud Tools | AWS (EC2, S3, EKS, IAM, CloudWatch, Lambda, API Gateway, CloudTrail), GCP (Compute Engine, Storage, Cloud Functions), Kubernetes, Azure (Azure VM, Azure Blob Storage, Azure Functions) |
| IDE Tools | Spring Tool Suite, Eclipse, IntelliJ IDEA 2017.1, NetBeans |
| Operating Systems | Windows, Linux, Unix, macOS |

**PROFESSIONAL EXPERIENCE**

***Role: Full Stack Developer / Feb 2021- till date***

***Client: Bank of America, San Francisco***

***Responsibilities:***

* Involved in Requirements gathering, Analysis, Design, Development and Testing of **application using AGILE**
* **methodology (SCRUM) in a Test-driven Development (TDD) approach.**
* Designed and implemented an application using **Spring Boot, Spring IOC, Spring transactions, Dependency**
* **Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.**
* Developed and designed the web interface using **HTML5, CSS3, TypeScript, Angular 10/11.**
* Conducted thorough market research and analysis to identify potential investment opportunities, providing valuable insights for portfolio optimization.
* Designed and implemented IT systems to streamline financial assessment processes and gather client data for wealth planning.
* Developed risk assessment reports for loan portfolios using **Tableau.**
* Conducted data-driven analysis to identify investment opportunities using Tableau.
* Implemented robust risk management frameworks, integrating **CMM/CMMI** practices to identify, assess, and mitigate financial risks
* Developed **a small application using Kotlin to automate a manual process, improving** efficiency by 20%.
* Ensured the highest levels of data integrity and security within banking systems by implementing **CMM/CMMI methods, mitigating the risk of data breaches or financial fraud.**
* Used **WebSphere Application Developer (WSAD)** to develop and deploy all Java components.
* Proficient in designing and developing user-friendly and responsive web applications that meet customer needs.
* Implemented **Spark using Scala and Spark SQL for faster testing and processing of data.**
* Experience in developing scalable and fault-tolerant applications using the Akka toolkit.
* Developed embedded **Tableau dashboards** for real-time financial data analysis.
* Manage application containers using **Docker and OpenShift.**
* Successfully designed, deployed, and maintained **JBOSS Enterprise SOA solutions**, facilitating efficient service orchestration and integration.
* **Experience in designing and implementing GraphQL schemas and** resolvers.
* Implemented and utilized Java 12's new switch expressions, enabling more concise and readable code for complex branching logic.
* Developed **a Spark-based data processing module that reduced data** processing time by 50%, resulting in quicker insights and decision-making.
* Implemented Micro-Services based **Cloud Architecture using Spring Boot.**
* **Proficiently managed PostgreSQL databases, ensuring optimal performance, security, and data integrity.**
* **Working Experience in Messing Platforms such as RabbitMQ, Kafka, AWS SQS. Open Shift and Red Hat Rules Engine.**
* **Successfully integrated diverse systems, applications, and data sources using Camel's extensive set of components.**
* Hands-on knowledge of integration **of Tridion with different technologies such as Java, ASP.NET, HTML, and JavaScript.**
* **Created clean and minimalistic designs by leveraging AMP's restricted set of CSS styles and ensuring fast rendering times.**
* Proficient in using Core Java such as **OOPs, Collections, Generics, Exception Handling, etc.**
* **Strong experience in using GIT version control systems such as GitHub, Bitbucket.**
* Developed **AWS S3 to copy project artifact into S3 bucket.**
* Managed and maintained **datacenter** infrastructure, including servers, networking equipment, and storage systems.
* Proficiently administered **Linux-based servers**, configuring services, managing users, and maintaining security patches.
* Developed **SOAP APIs**, incorporating **XML**-based messaging for standardized interactions between distributed systems.
* Implemented **OAuth2, JWT**, or other authentication mechanisms to secure **APIs** and control access to sensitive data.
* Created comprehensive **API documentation** using tools like **Swagger or OpenAPI** to aid developers and consumers.
* Developed unit tests and integration tests for **API**s, using frameworks like **JUnit or Postman** for thorough testing.
* Managed the migration of legacy maintenance data to the new CMMS platform, ensuring data accuracy and consistency.
* Developed customized reports and dashboards in **CMMS** to provide insights into maintenance performance, asset utilization, and costs.
* Designed mobile-friendly interfaces or applications to allow technicians to access and update **CMMS** data from remote locations.
* **Experienced in** using **Java 8 streaming** and lambda expressions for efficient data manipulation and processing.
* Manipulated data using **CRUD operations of MongoDB database management system and handled database access using Node JS.**
* **Data Engineering experience on development ETL orchestration and data processing pipelines, workflows or services using EMR, EC2, AWS Glue, AWS Open/Elastic Search, Step Functions, Lambda, S3, CloudWatch Event bridge, Python/PySpark, Snowflake.**
* Worked as **WebSphere MQ Developer, installed MQ client and MQ server on various platforms.**
* Experience in Server infrastructure **development on AWS Cloud, extensive usage of, Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS.**
* Made use of Reactive Forms using Angular where most of the validation is done using component rather than using template-driven which provides in HTML5.
* **Expertise in using Java 8 Date/Time API for managing** date and time operations.
* Involve in development, design and implementation of the front-end application using HTML5, CSS3, AJAX, Bootstrap.
* Integrated **Kotlin into existing Java projects, leveraging its concise syntax and modern features.**
* Developed RESTful Web Services **with JAX-RS using Spring Boot and Micro Services Architecture.**
* **Experienced with SQL ORACLE, MongoDB, HTML/CSS, Java and JavaScript, JDBC, JNDI, JMS, Hibernate, xml,** **Unix/Linux, Maven, Git, SPA, Node.js, PostgreSQL, Taglibs**
* Experienced in developing core **Java applications using JDK 8 and JDK 11**
* **Experienced in APL tools like POSTMAN and Swagger.**
* Mainly involved in deployment activities **CI/CD deployment and familiar with OSE (OpenShift origin). Also made changes in Jenkins Files as per the requirement of the pipeline.**
* Involved in web services design and development. Responsible for creating and consuming web services using REST and XML.
* Experienced in using Java 8 and Java 11 frameworks such as **Spring, JPA, Hibernate, and Struts.**
* **Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.**
* Strong understanding of distributed systems, messaging queues, and Pub/Sub architectures
* Used Angular 11 and Confidential Covalent UI as framework to create **a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.**
* Proficient in developing **RESTful web services and microservices using Java 8.**
* Configure backup, alerts, repairs an**d monitoring of Cassandra clusters using OpsCenter.**
* **Administered, monitored, and maintained multi data-center Cassandra cluster using OpsCenter and** Nagios in production.
* Used MongoDB internal tools **like Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager etc.**
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication and schema design.
* Used **AWS Beanstalk for deploying and scaling web applications and services developed with Java.**
* Used **GitHub and Gitlab**, private and public repo for version controls and JIRA for defect tracking.
* Worked with Docker containers, running/managing containers, containers snapshots and managing image.
* Utilized J2EE frameworks like **Spring or Java EE (now Jakarta EE) to streamline application development, dependency injection, and component-based architecture.**
* Utilized the **new HTTP Client API introduced in Java 11 for efficient and modern communication with RESTful web services.**
* Worked as **WebSphere MQ Developer, installed MQ client and MQ server on various platforms**.
* Utilized AWS Services platform to upload data into **AWS S3 buckets and creating EC2 instances.**
* Implemented Vue.js single-page applications (SPAs) utilizing Vue Router for client-side routing and Vuex for state management.
* Utilized the core features of Spring 3.0, such as dependency injection (DI) and inversion of control (IoC), to achieve loose coupling and modularity in application design.
* Developed and maintained applications utilizing the Elastic Stack (Elasticsearch, Logstash, and Kibana) for log management, data analysis, and visualization.
* Developed and maintained web applications using jQuery as a primary JavaScript library for enhanced interactivity and dynamic client-side behavior.
* Experience with web **technologies such as HTML5, CSS3, JavaScript, and AJAX.**
* Developed Mockito and JUnit test cases to improve code coverage.
* Developed and maintained **Java 11** applications, following best practices and utilizing the new features and enhancements introduced in **Java 11**
* Setup **CI/CD** pipeline process for the application using the Jenkins.
* Used AWS Services platform to upload data into **AWS S3 buckets and creating EC2 instances**
* Worked with unit testing of Angular applications using Jasmine and Karma and Spring Boot applications using
* JUnit, Mockito and performed end to end testing using Protractor.

**Environment**: JD, AWS, GIT, GitHub, Bitbucket, OpenShift, JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap ,jQuery, Spring Security, Rabbit MQ, Node JS, Express JS, HTML5, Kotlin, Bootstrap, Site Minder, Hibernate, OIDC, Jenkins, Log4j, MongoDB, Mongoose Connector, Oracle, JBoss, Elastic search, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes HTML 5, Spark, CSS 3, K1.8,Spring,Hibernate,Java 11,JDK8 and JDK 11Jjava 8,Core Java JavaScript, Angular Spring Boot, LINUX, Maven. RESTful Web Services, Jenkins, Docker, Kubernetes, HTML5, CSS3,Bootstrap, JavaScript, jQuery, Ajax, Node.js, MongoDB, SoapUI, Postman, API Life Cycle, JUnit, JMeter, Git, JAX-RS, JIRA, Cucumber, Putty, Agile.

***Role: Full Stack Developer / July 2019 – Jan 2021***

***Client: Oracle America, Kansas City.***

***Responsibilities:***

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology (**SCRUM) for developing application.**
* Responsible to design and developed web pages using **HTML5, CSS3, JavaScript, and jQuery, React and Bootstrap.**
* **Developed responsive and fluid layouts with AMP's responsive design principles, ensuring a consistent user experience across various screen sizes.**
* Implemented RESTful APIs and microservices using Scala and Akka HTTP.
* **Expertise in defining routing rules, transformations, error handling, and content-based routing using Camel's Domain Specific Language (DSL).**
* **Utilized DDD principles in conjunction with CQRS to model and structure the application's domain, ensuring a clear separation between aggregates, commands, and queries.**
* Involves in the design and development of **RESTful Web Services using Apache CXF.**
* Leveraged the new APIs and libraries introduced **in Java 11, such as the enhanced Stream API, VarHandles, or the Process API, to improve performance and functionality.**
* **Node.js, Next.js, React JS, Vue.js, RESTFUL services, Ext.js, and Graph QL development. Proficient in designing and developing user-friendly and responsive web applications that meet customer needs.**
* Migrate existing Monolithic architecture to full-fledged Microservices architecture using Spring Boot & Spring Cloud in multiple stages.
* Integrated Tableau content into a healthcare application to provide personalized patient data.
* Collaborated with cross-functional teams, including developers and UX designers, to ensure seamless integration.
* Created custom visualizations to enhance user engagement and data understanding.
* **Introduced Kotlin into a legacy Java codebase, reducing boilerplate code by 40%** and improving readability.
* Deployed and tested the application on **WebSphere Application Server.**
* Utilized **Amazon Web Services (AWS) EC2 to deploy Docker containers.**
* Designed and implemented a data streaming pipeline using **Spark Streaming, enabling real-time analysis of incoming data.**
* Familiarity with Java 11 development tools such as Eclipse and IntelliJ
* Experienced in using Java 8 frameworks such as spring, Hibernate, and Struts.
* Designed and implemented the antifactory download of the **software to the client system directly from the repository to the client system using the Curl.**
* Experience in using SBT (Scala Build Tool) for building and managing Scala projects.
* Implemented various restful services for the customer to check the status of the software.
* Developed various reusable Helper and Utility classes, which are used across all the modules of the application
* Experienced in developing applications using **Object-Oriented Programming (OOP) techniques.**
* **Experienced in using build automation tools such as Maven and Jenkins.**
* Extensively worked on integrating micro services with external **services like RabbitMQ, Apache Kafka, and MongoDB.**
* Closely worked **with Kafka Admin team to set up Kafka cluster setup on the QA and Production** environments.
* Developed, implemented unit test cases and integration test cases using chai and mocha.
* Worked **AWS serverless architecture and ability to build serverless applications using AWS Lambda.**
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications and managed Pivotal Cloud Foundry based platform built on **Kubernetes programming with deployment manager and containerized using Docker.**
* Troubleshot and resolved issues related to **Linux server** performance, connectivity, and system stability.
* Developed robust and scalable **APIs** for internal and external use, adhering to **RESTful and SOAP** principles.
* Designed **API endpoints**, request/response structures, and authentication mechanisms to ensure secure and efficient data exchange.
* Designed and implemented **RESTful APIs** for lightweight, stateless communication, enabling efficient resource manipulation.
* Successfully implemented and customized **CMMS** solutions to meet the specific maintenance and asset management needs of organizations.
* Designed and configured **CMMS modules,** workflows, and user interfaces for optimal usability and efficiency.
* Expertise in **WebSphere, Tomcat, Oracle, and Apache**
* **Spring RESTful services for efficient** communication and resource management.
* **Implemented a CI/CD pipeline using Jenkins and GitLab for a Spring Boot application** that was deployed to a cloud-based server.
* Proficient **in using Java 8 development tools such as Maven and Ant.**
* Utilized **Git branches and pull requests to ensure code quality and collaborated with team members to resolve merge.**
* **Successfully integrated Kotlin's extension functions to streamline codebase and improve code reuse.**
* Collaborated with cross-functional teams to ensure smooth migration from older Java versions to Java 11, identifying and addressing compatibility issues.
* Knowledge of API gateways and service meshes, such as Istio **or Kong, for managing API traffic, security, and monitoring in a microservices architecture**
* We hosted all our micro services in **AWS cloud infrastructure using Jenkins CI/CD pipelines.**
* Led the development of a complex software system using classes and object-oriented principles, resulting in improved code structure, maintainability, and scalability.
* Designed and implemented a class library or framework, providing reusable components and promoting code reusability across projects.
* Designed and Implemented **Web Services, in WebSphere Message Broker, IIB to implement SOA based services.**
* Optimized SQL queries in **Spark to improve query performance by 40%, leading to faster data retrieval and analysis.**
* Experience in integrating **Scala** applications with NoSQL databases like MongoDB and Cassandra.
* Worked on responsive design and developed **a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.**
* Developed **CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.**
* Use **JIRA tool for tracking new requirements, enhancements, bugs, and Git for version control.**

**Environment**: Java11,Java 8, Spring Security (JWT), WebSphere, Core Java, MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, Kotlin,EC2, Jenkins, Splunk, Git, Pivotal Cloud Foundry, Selenium, Spring boot, DAO, MVC, Securities, AOP, ORM data, JPA, TopLink, Hibernate, JavaScript, React, Redux , HTML5 / CSS , AJAX, bootstrap, NodeJS, ExpressJS, MySQL, Oracle, SQL, PL/SQL, MongoDB, Cassandra, SQL Profiler, Visual Studio, Git, Swagger , JUnit , Easy Mock , Jasmine, Protractor , Postman , Agile,, EC2, S3, RDS, API Gateway, Docker, Kubernetes, ECS, SSO, SSL, Lambda, Maven, Apache Camel, Apache Kafka, JIRA.

***Role: Full Stack Developer / Feb 2018 -June 2019***

***Client: Ipcoop, Miami, Florida***

***Responsibilities:***

* Designed and developed RESTFUL web services using Spring Boot and Jersey framework.
* Developed an in-parallel computation framework for association, correlation, and aggregation analytics using Java and **Hazelcast backed by MongoDB and MySQL data stores.**
* Developed new features for highly concurrent, multi-threaded microservice applications that run on Tomcat in a Linux cloud environment using Java, MongoDB, Sybase, and Hazelcast.
* Developed the spring boot applications using Java 1.8 using the advanced version of **Eclipse IDE which is Spring** Tool Suite (STS) and Maven as the build tool.
* Proficient in using **AWS SDKs and APIs to integrate AWS services into Java applications.**
* Developed frontend & middle tire components by using **Spring, Spring MVC, Spring Web Flow, DAO & Hibernate3.**
* Used Spring Core annotations for Spring **Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.**
* Designed and implemented of desktop, **mobile and web applications in Java and HTML5/JavaScript using Eclipse, NetBeans, and XCode IDE's; Swing, GWT, Vaadin, JPA, Hibernate, Phone Gap frameworks; and SVN, Git, maven source code environments.**
* Utilized built in components **of AngularJS like http, resource and promises for reliable communication between server and application.**
* Implemented Spring boot microservices to **process the messages into the Kafka cluster setup.**
* Worked on **Column Filters of Data table using jQuery and AngularJS.**
* Making changes to the existing web applications and creating new components using Angular JS.
* Used Spring Core **annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.**
* Used **Apache Kafka in cluster as messaging system between the API’s and Microservices.**
* Extensively **used Kubernetes and Docker** to enable faster and consistent deployments
* Excellent communication and teamwork skills, with the ability to collaborate effectively with cross-functional teams.
* Converted data from database into **JSON or XML format files and retrieve useful information using AJAX calls to display them on the browser.**

**Environment**: Java, DAO, MVC, ORM, IBATIS, JavaScript, AngularJS, HTML5 / CSS, AJAX, bootstrap, NodeJS, ExpressJS, Postgres, MySQL, PostgreSQL, SQL, Pl/SQL, MongoDB, Restful API, JSON, OAuth, XML, Git, SVN, JUnit, Mockito, JMeter, Selenium, Postman, Agile, Scrum, AWS, EC2, S3, RDS, Lambda, Maven, JIRA, SOA, JMS, ActiveMQ, Tomcat, Linux, Unix, Mac, Ionic, Cordova

***Role: Full Stack Developer / Sep 2016 – Jan 2018***

***Client: Plumchoice, Lowell, MA***

***Responsibilities:***

* Actively participated in all Agile methodologies, followed all the requirements for Software Development Life Cycle (SDLC).
* Involved in configuring Messaging plugins for communication between asynchronous external systems with Guidewire.
* Involved in creating the Test automation framework from scratch**. Used Maven as a build tool and created the framework with selenium, selenium grid, java, TestNG, BDD cucumber-JVM and page object page factory design pattern.**
* Used Java, multithreading**, JDBC, Quick FIX, Sybase, GemFire, MS SQL, Tibco, Financial** Fusion and Eclipse to design and implement high volume, low latency and multithreading FIX trading platform.
* Used JavaScript/J-query to perform client-side validations on Visual Force pages and to improve the performance of the User interface.
* Designed and developed the agent portal using framework **AngularJS 2.0 along with HTML5, CSS3 and Typescript.**
* Used D3.js and AngularJS to construct data visualization and geo-clustering for market targeting.
* Developed and implemented Swing, spring and J2EE based MVC (Model-View-Controller) framework for the application.
* Tested the performance of our API using SoapUI, Postman, and JMeter.
* Developed views **using JSPs and struts tags and using Tiles framework, improving UI flexibility and providing single point of maintenance.**
* Configured Hibernate, **Spring and MyFaces (JSF) to map the business objects to MySQL Database using XML configuration file.**
* Developed backups and recovery strategies for Oracle databases and DB2 UDB databases to meet our customer SLA requirements.

**Environment**: Java, Spring, MyBatis, Struts, JSF, JSP, Servlets, JavaScript, AngularJS, HTML5, CSS, AJAX, bootstrap, NodeJS, Express JS, Db2, SQL, Pl/SQL, MS SQL Server, Rest, XML, Apache CXF, Eclipse, WebLogic, SVN, JUnit, JMeter, Selenium, Postman, Agile, AWS, EC2, S3, RDS, JSP, Servlets, Maven, ANT, JSON, JIRA, SOA, Tomcat, Linux, Unix, Mac, iOS, android

***Role: Java Developer / Nov 2013-Aug 2016***

***Client: Palo Alto Network, Santa Carla, CA***

***Responsibilities:***

* Involved in the analysis, design, and development and testing phases of Software Development Life Cycle.
* Developed N-tier client-server business application software using Model View Controller (MVC) Architecture.
* Extensive use of core Java Collections, **Generics, Exception Handling, and Design Patterns for functionality.**
* **Used Hibernate in persistence layer and developed POJO's, Data Access Object to handle database operations**.
* Worked on System security with the use of SSL (Secure socket layer), encryption and used role-based security.
* JSON being light in nature was used as the chief source of communication between the server and application.
* Expertise in developing reusable and interoperable Web service modules based on micro services.
* Developed SOA **architecture using SOAP and RESTful and Preparation of Java and JSP coding standard checklist.**
* Involved in the development of **Servlet, Struts Action classes, Business Objects, Web Services.**
* **Used the spring validation and Tiles Framework in the presentation layer.**
* **Developed user interface using JSP, Spring Tag Libraries to simplify the complexities of the** application.
* Implementing or exposing the Micro services to base **on RESTful API utilizing Spring Boot with Spring MVC**.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts.
* Involved in writing the Maven build file to build and deploy the application.
* Involved in **writing JUnit Test Cases and Ant Build Script**.
* Used Log4J to capture the logging information.

**Environment**: Java, JSP, HTML, CSS, Servlets, XML, SOAP, WSDL, Oracle, Eclipse, JAX-R, JAX-WS, PL/SQL, Apache Server, Struts, DAO, AOP Spring, MVC Spring, Hibernate, Junit, Maven.

***Role: Java Developer / Nov 2012–Oct 2013***

***Client: IGATE, India.***

***Responsibilities:***

* Involved in Requirement Analysis. Preparing Requirement Analysis Document.
* Involved in preparing different **Artifacts HLD, LLD using Activity Diagram, Sequence**
* Diagram, Class Diagrams.
* Involved writing code for Request Processor class to extend the functionality of struts Controller.
* Applied **patterns like Session Facade, Service Locator, Front Controller, Abstract Factory, Factory method, Singleton, Data Transfer Object etc.**
* Involved in writing code for Action Class, Business Delegate, Session Bean, Entity Bean and DAO.
* **Developed Java End Point Service, EJB End Point Service, Secure Web services with RPC, Document Style and of Using Axis 1.3 and JBOSS.**
* Developed **web pages using Struts, JSP, Servlets, HTML and JavaScript.**
* Designed and developed Service layer using Struts framework.
* Involved in designing and implementation **of MVC design pattern using Struts framework for Web-tier.**
* Developed presentation layer using struts **tag libraries like logic, html, bean, etc. in JSP pages.**
* Developed web application using JSP, Struts Action classes and Struts Forms.

**Environment**: UML, Java, J2ee1.4, Struts, Axis 1.3, Open DTP Connector, EJB2.0, JSP, Web services, Eclipse 3.2 PDE JBOSS 6.0, JavaScript, Eclipse with Lomboz plug-in, Rational Rose, JMeter, VSS, Oracle.